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PTO/SB/21 (02-04)

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**TRANSMITTAL
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(to be used for all correspondence after initial filing)

Application Number 10/543,175

Filing Date JULY 22, 2005

First Named Inventor KOOPS

Art Unit

Examiner Name

Attorney Docket Number 8283

Total Number of Pages in This Submission

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Firm or Individual name

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Signature

Karl Kurple

Date

4-4-06

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Complete if Known

Sheet	1	of	3
Application Number	10/428,269		
Filing Date	MAY 2, 2003		
First Named Inventor	KOOPS		
Art Unit	1763		
Examiner Name	Allan W. OLSEN		
Attorney Docket Number	8167		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 20040033425-A1	02-19-20-04	KOOPS	ENTIRE DOCUMENT
		US- 2005-0072753	04-07-2005	KOOPS	ENTIRE DOCUMENT
		US- 5,055,696	10-08-1991	HARAICHI ET AL	ENTIRE DOCUMENT
		US- 5,113,072 A	05-1992	YAMAGUCHI ET AL	ENTIRE DOCUMENT
		US- 6,751,516	06-2004	RICHARDSON	ENTIRE DOCUMENT
		US- 6,943,350 B2	09-2005	NASSER-GHODSI ET AL	ENTIRE DOCUMENT
		US- 6,677,586 B1	01-13-2004	NASSER-GHODSI ET AL	ENTIRE DOCUMENT
		US- 6,387,530 B1	05-14-2002	LIU ET AL	ENTIRE DOCUMENT
		US- 5,229,320 A	07-1993	UGAJIN	ENTIRE DOCUMENT
		US- 5,683,547	11-1997	AZUMA ET AL	ENTIRE DOCUMENT
		US- 6,261,938 B1	07-2001	BEAUVAIS ET AL	ENTIRE DOCUMENT
		US- 2001/0052577	12-2001	AKI ET AL	ENTIRE DOCUMENT
		US- 20030066749 A1	04-2003	GOLOVCHENKO ET AL	ENTIRE DOCUMENT
		US- 6,843,927 B2	01-2005	NASSER-GHODSI	ENTIRE DOCUMENT
		US- 20030000921 A1	01-02-2003	LIANG	ENTIRE DOCUMENT
		US- 4,226,666	10-07-1980	WINTERS	ENTIRE DOCUMENT
		US- 5,849,371	12-15-1998	BEESLEY	ENTIRE DOCUMENT
		US- 20010055649	12-2001	OGURE ET AL	ENTIRE DOCUMENT
		US-			ENTIRE DOCUMENT

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 62-076521 A	04-08-1987	KATSUMI	ENTIRE DOCUMENT	
		JP 08-017704	01-19-1996	TAKAAKI	ENTIRE DOCUMENT	
		JP 02-205682 A	08-15-1990	HIROAKI	ENTIRE DOCUMENT	
		JP 03-054824 A	03-08-1991	NOBUKAZU	ENTIRE DOCUMENT	
		WO 02 19375 A	03-07-2002	REINHARDT	ENTIRE DOCUMENT	
		DE 100 42 098A	03-14-2002	REINHARDT	ENTIRE DOCUMENT	

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2
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of 3

Application Number	10/543.175
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Filing Date	JULY 22, 2005
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First Named Inventor	KOOPS
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Art Unit

Examiner Name

Attorney Docket Number	8283
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)	MM-DD-YYYY			
		JP-02-183530	07-18-1990	KAIHATSU KK	ENTIRE DOCUMENT	
		JP-60-198827	10-08-1985	EIJI	ENTIRE DOCUMENT	
		JP 60-167316	08-30-1985	KUNIHIRO	ENTIRE DOCUMENT	
		JP 61-234038	10-18-1986	SEIICHI	ENTIRE DOCUMENT	
		ISR PCT/EP02023217	04-29-2003	KOOPS	ENTIRE DOCUMENT	
		ISR PCT/EP02010233	04-28-2003	KOOPS	ENTIRE DOCUMENT	

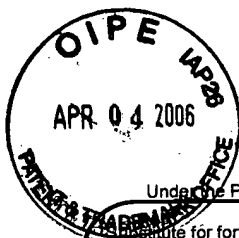
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/543,175
Filing Date	07/22/2005
First Named Inventor	KOOPS
Art Unit	
Examiner Name	
Attorney Docket Number	8283

Sheet	3	of	3
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		KOOPS, HIGH-RESOLUTION ELECTRON-BEAM INDUCED DEPOSITION, JOURNAL OF VACUUM SCIENCE: PART B, 1988, PAGES 477-481, V 6, NO. 1, AMERICAN INSTITUTE OF PHYSICS, NEW YORK, US	
		HAIGHT et al., MARS: Femtosecond laser mask advanced repair system in manufacturing, J. Vac. Sci. Technol. B17(6), Nov/Dec 1999, 3137-3143, 17(6), American Vacuum Society,	
		EHRlich et al., A REVIEW OF LASER-MICROCHEMICAL PROCESSING, J. Vac. Sci. Technol. B, Oct. Dec. 1983, 969-984, Vol. 1, No. 4, American Vacuum Society.	
		IBM TECHNICAL DISCLOSURE BULLETIN "REPAIR SYSTEM FOR MASKS" May 1993, Pages 279-280, VOL. 36, NO. 05, IBM Armonk, New York US	
		LIANG, TED; STIVERS, ALAN; "DAMAGE FREE MASK REPAIR USING ELECTRON BEAM INDUCED CHEMICAL REACTIONS" 1-10, 2001 INTEL CORPORATION, Santa Clara, California	

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